



GOVERNMENT OF MALAYSIA

Malaysian Public Sector Accounting Standards

MPSAS 37

Joint Arrangements

November 2023

MPSAS 37 – JOINT ARRANGEMENTS

Acknowledgement

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Prepared by:
Accountant General's Department of Malaysia
No. 1, Persiaran Perdana
Ministry of Finance Complex
Precinct 2, Federal Government Administrative Centre
62594 Putrajaya

Tel : 03-88821000
Fax : 03-88821765
Web : <http://www.anm.gov.my>

MPSAS 37—JOINT ARRANGEMENTS

History of MPSAS

This version includes amendments resulting from MPSASs issued up to December 2022.

MPSAS 37, *Joint Arrangements* was issued in August 2016.

Since the first issuance, MPSAS 37 has been amended by the following MPSASs:

- *Improvements to MPSASs 2023* (issued December 2022)
- MPSAS 40, *Public Sector Combinations* (issued October 2021)

Table of Amended Paragraphs in MPSAS 37

Paragraph Affected	How Affected	Affected By
5	Deleted	Improvements to MPSASs 2023 December 2022
6	Deleted	Improvements to MPSASs 2023 December 2022
24A	New	MPSAS 40 October 2021
32	Amended	MPSAS 40 October 2021
41A	New	MPSAS 40 October 2021
42A	New	MPSAS 40 October 2021
42B	New	MPSAS 40 October 2021
42C	New	Improvements to MPSASs 2023 December 2022
AG33A	New	MPSAS 40 October 2021
AG33B	New	MPSAS 40 October 2021
AG33C	New	MPSAS 40 October 2021
AG33D	New	MPSAS 40 October 2021
IE60 - IE80	New	MPSAS 40 October 2021

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MPSAS 37 – Joint Arrangements

Malaysian Public Sector Accounting Standard (MPSAS) 37, *Joint Arrangements*, is set out in paragraphs 1–44. All the paragraphs have equal authority. MPSAS 37, *Joint Arrangements*, should be read in the context of its objective and the *Preface to Malaysian Public Sector Accounting Standards*. MPSAS 3, *Accounting Policies, Changes in Accounting Estimates and Errors*, provides a basis for selecting and applying accounting policies in the absence of explicit guidance.

Objective

1. The objective of this Standard is to establish principles for financial reporting by entities that have an interest in arrangements that are controlled jointly (i.e., joint arrangements).
2. To meet the objective in paragraph 1, this Standard defines joint control and requires an entity that is a party to a joint arrangement to determine the type of joint arrangement in which it is involved by assessing its rights and obligations and to account for those rights and obligations in accordance with that type of joint arrangement.

Scope

3. **An entity that prepares and presents financial statements under the accrual basis of accounting shall apply this Standard in determining the type of joint arrangement in which it is involved and in accounting for the rights and obligations of the joint arrangement.**
4. **This Standard shall be applied by all entities that are a party to a joint arrangement.**
5. [Deleted]
6. [Deleted]

Definitions

7. **The following terms are used in this Standard with the meanings specified:**

Binding arrangement: For the purposes of this Standard, a binding arrangement is an arrangement that confers enforceable rights and obligations on the parties to it as if it were in the form of a contract. It includes rights from contracts or other legal rights.

A joint arrangement is an arrangement of which two or more parties have joint control.

Joint control is the agreed sharing of control of an arrangement by way of a binding arrangement, which exists only when decisions about the relevant activities require the unanimous consent of the parties sharing control.

A joint operation is a joint arrangement whereby the parties that have joint control of the arrangement have rights to the assets, and obligations for the liabilities, relating to the arrangement.

A joint operator is a party to a joint operation that has joint control of that joint operation.

A joint venture is a joint arrangement whereby the parties that have joint control of the arrangement have rights to the net assets of the arrangement.

A joint venturer is a party to a joint venture that has joint control of that joint venture.

A **party to a joint arrangement** is an entity that participates in a joint arrangement, regardless of whether that entity has joint control of the arrangement.

A **separate vehicle** is a separately identifiable financial structure, including separate legal entities or entities recognized by statute, regardless of whether those entities have a legal personality.

Terms defined in other MPSASs are used in this Standard with the same meaning as in those Standards, and are reproduced in the *Glossary of Defined Terms* published separately. The following terms are defined in MPSAS 34, *Separate Financial Statements*, MPSAS 35, *Consolidated Financial Statements*, or MPSAS 36, *Investments in Associates and Joint Ventures*, benefits, control, equity method, power, protective rights, relevant activities, separate financial statements and significant influence.

Binding Arrangement

8. Binding arrangements can be evidenced in several ways. A binding arrangement is often, but not always, in writing, in the form of a contract or documented discussions between the parties. Statutory mechanisms such as legislative or executive authority can also create enforceable arrangements, similar to contractual arrangements, either on their own, or in conjunction with contracts between the parties.

Joint Arrangements (see paragraphs AG2–AG33)

9. A joint arrangement is an arrangement of which two or more parties have joint control.
10. A joint arrangement has the following characteristics:
 - (a) The parties are bound by a binding arrangement (see paragraphs AG2–AG4).
 - (b) The binding arrangement gives two or more of those parties joint control of the arrangement (see paragraphs 12–18).
11. A joint arrangement is either a joint operation or a joint venture.

Joint Control

12. Joint control is the sharing of control of an arrangement, which exists only when decisions about the relevant activities require the unanimous consent of the parties sharing control. The sharing of control may have been agreed by way of a binding arrangement.
13. An entity that is a party to an arrangement shall assess whether the binding arrangement gives all the parties, or a group of the parties, control of the arrangement collectively. All the parties, or a group of the parties, control the arrangement collectively when they must act together to direct the activities that significantly affect the benefits from the arrangement (i.e., the relevant activities).

14. Once it has been determined that all the parties, or a group of the parties, control the arrangement collectively, joint control exists only when decisions about the relevant activities require the unanimous consent of the parties that control the arrangement collectively.
15. In a joint arrangement, no single party controls the arrangement on its own. A party with joint control of an arrangement can prevent any of the other parties, or a group of the parties, from controlling the arrangement.
16. An arrangement can be a joint arrangement even though not all of its parties have joint control of the arrangement. This Standard distinguishes between parties that have joint control of a joint arrangement (joint operators or joint venturers) and parties that participate in, but do not have joint control of, a joint arrangement.
17. **An entity will need to apply judgment when assessing whether all the parties, or a group of the parties, have joint control of an arrangement. An entity shall make this assessment by considering all facts and circumstances (see paragraphs AG5–AG11).**
18. **If facts and circumstances change, an entity shall reassess whether it still has joint control of the arrangement.**

Types of Joint Arrangement

19. **An entity shall determine the type of joint arrangement in which it is involved. The classification of a joint arrangement as a joint operation or a joint venture depends upon the rights and obligations of the parties to the arrangement.**
20. **An entity applies judgment when assessing whether a joint arrangement is a joint operation or a joint venture. An entity shall determine the type of joint arrangement in which it is involved by considering its rights and obligations arising from the arrangement. An entity assesses its rights and obligations by considering the structure and legal form of the arrangement, the terms agreed by the parties or established by legislative or executive authority and, when relevant, other facts and circumstances (see paragraphs AG12–AG33).**
21. Sometimes the parties are bound by a framework agreement that sets up the general terms for undertaking one or more activities. The framework agreement might set out that the parties establish different joint arrangements to deal with specific activities that form part of the agreement. Even though those joint arrangements are related to the same framework agreement, their type might be different if the parties' rights and obligations differ when undertaking the different activities dealt with in the framework agreement. Consequently, joint operations and joint ventures can coexist when the parties undertake different activities that form part of the same framework agreement.
22. **If facts and circumstances change, an entity shall reassess whether the type of joint arrangement in which it is involved has changed.**

Financial Statements of Parties to a Joint Arrangement (see paragraphs AG34–AG37)

Joint Operations

23. **A joint operator shall recognize in relation to its interest in a joint operation:**
- (a) **Its assets, including its share of any assets held jointly;**
 - (b) **Its liabilities, including its share of any liabilities incurred jointly;**
 - (c) **Its revenue from the sale of its share of the output arising from the joint operation;**
 - (d) **Its share of the revenue from the sale of the output by the joint operation; and**
 - (e) **Its expenses, including its share of any expenses incurred jointly.**
24. **A joint operator shall account for the assets, liabilities, revenues and expenses relating to its interest in a joint operation in accordance with the MPSASs applicable to the particular assets, liabilities, revenues and expenses.**
- 24A. **When an entity acquires an interest in a joint operation in which the activity of the joint operation constitutes an operation, as defined in MPSAS 40, *Public Sector Combinations*, it shall apply, to the extent of its share in accordance with paragraph 23, all of the principles on acquisition accounting in MPSAS 40, *Public Sector Combinations*, and other MPSASs, that do not conflict with the guidance in this Standard, and disclose the information that is required in those MPSASs in relation to acquisitions. This applies to the acquisition of both the initial interest and additional interests in a joint operation in which the activity of the joint operation constitutes an operation. The accounting for the acquisition of an interest in such a joint operation is specified in paragraphs AG33A–AG33D.**
25. **The accounting for transactions such as the sale, contribution or purchase of assets between an entity and a joint operation in which it is a joint operator is specified in paragraphs AG34–AG37.**
26. **A party that participates in, but does not have joint control of, a joint operation shall also account for its interest in the arrangement in accordance with paragraphs 23–25 if that party has rights to the assets, and obligations for the liabilities, relating to the joint operation. If a party that participates in, but does not have joint control of, a joint operation does not have rights to the assets, and obligations for the liabilities, relating to that joint operation, it shall account for its interest in the joint operation in accordance with the MPSASs applicable to that interest.**

Joint Ventures

27. A joint venturer shall recognize its interest in a joint venture as an investment and shall account for that investment using the equity method in accordance with MPSAS 36, *Investments in Associates and Joint Ventures*, unless the entity is exempted from applying the equity method as specified in that Standard.
28. A party that participates in, but does not have joint control of, a joint venture shall account for its interest in the arrangement in accordance with the MPSASs dealing with financial instruments, being MPSAS 28, *Financial Instruments: Presentation*, MPSAS 29, *Financial Instruments: Recognition and Measurement*, and MPSAS 30, *Financial Instruments: Disclosures*, unless it has significant influence over the joint venture, in which case it shall account for it in accordance with MPSAS 36, *Investments in Associates and Joint Ventures*.

Separate Financial Statements

29. In its separate financial statements, a joint operator or joint venturer shall account for its interest in:
- (a) A joint operation in accordance with paragraphs 23–25; and
 - (b) A joint venture in accordance with paragraph 12 of MPSAS 34, *Separate Financial Statements*.
30. In its separate financial statements, a party that participates in, but does not have joint control of, a joint arrangement shall account for its interest in:
- (a) A joint operation in accordance with paragraph 26; and
 - (b) A joint venture in accordance with MPSAS 29, *Financial Instruments: Recognition and Measurement*, unless the entity has significant influence over the joint venture, in which case it shall apply paragraph 12 of MPSAS 34, *Separate Financial Statements*.

Transitional Provisions

31. Notwithstanding the requirements of paragraph 33 of MPSAS 3, *Accounting Policies, Changes in Accounting Estimates and Errors*, when this Standard is first applied, an entity need only present the quantitative information required by paragraph 33(f) of MPSAS 3, *Accounting Policies, Changes in Accounting Estimates and Errors*, for the annual period immediately preceding the first annual period for which this Standard is applied (the ‘immediately preceding period’). An entity may also present this information for the current period or for earlier comparative periods, but is not required to do so.

Joint Ventures - Transition from Proportionate Consolidation to the Equity Method

32. When changing from proportionate consolidation to the equity method, an entity shall recognize its investment in the joint venture as at the beginning of the immediately preceding period. That initial investment shall be measured as the aggregate of the carrying amounts of the assets and liabilities that the entity had previously proportionately consolidated, including any purchased goodwill arising from acquisition transactions. If the goodwill previously belonged to a larger cash-generating unit, or to a group of cash-generating units, the entity shall allocate goodwill to the joint venture on the basis of the relative carrying amounts of the joint venture and the cash-generating unit or group of cash-generating units to which it belonged.
33. The opening balance of the investment determined in accordance with paragraph 32 is regarded as the deemed cost of the investment at initial recognition. An entity shall apply paragraphs 43-48 of MPSAS 36, *Investments in Associates and Joint Ventures*, to the opening balance of the investment to assess whether the investment is impaired and shall recognize any impairment loss as an adjustment to accumulated surplus or deficit at the beginning of the immediately preceding period.
34. If aggregating all previously proportionately consolidated assets and liabilities results in negative net assets, an entity shall assess whether it has legal or constructive obligations in relation to the negative net assets and, if so, the entity shall recognize the corresponding liability. If the entity concludes that it does not have legal or constructive obligations in relation to the negative net assets, it shall not recognize the corresponding liability but it shall adjust accumulated surplus or deficit at the beginning of the immediately preceding period. The entity shall disclose this fact, along with its cumulative unrecognized share of losses of its joint ventures as at the beginning of the immediately preceding period and at the date at which this Standard is first applied.
35. An entity shall disclose a breakdown of the assets and liabilities that have been aggregated into the single line investment balance as at the beginning of the immediately preceding period. That disclosure shall be prepared in an aggregated manner for all joint ventures for which an entity applies the transition requirements referred to in paragraphs 32–36.
36. After initial recognition, an entity shall account for its investment in the joint venture using the equity method in accordance with MPSAS 36, *Investments in Associates and Joint Ventures*.

Joint Operations - Transition from the Equity Method to Accounting for Assets and Liabilities

37. When changing from the equity method to accounting for assets and liabilities in respect of its interest in a joint operation, an entity shall, at the beginning of the immediately preceding period, derecognize the investment that was previously accounted for using the equity method and any other items that formed part of the entity's net investment in the

arrangement in accordance with paragraph 41 of MPSAS 36, *Investments in Associates and Joint Ventures*, and recognize its share of each of the assets and the liabilities in respect of its interest in the joint operation, including any goodwill that might have formed part of the carrying amount of the investment.

38. An entity shall determine its interest in the assets and liabilities relating to the joint operation on the basis of its rights and obligations in a specified proportion in accordance with the binding arrangement. An entity measures the initial carrying amounts of the assets and liabilities by disaggregating them from the carrying amount of the investment at the beginning of the immediately preceding period on the basis of the information used by the entity in applying the equity method.
39. Any difference arising from the investment previously accounted for using the equity method together with any other items that formed part of the entity's net investment in the arrangement in accordance with paragraph 41 of MPSAS 36, *Investments in Associates and Joint Ventures*, and the net amount of the assets and liabilities, including any goodwill, recognized shall be:
 - (a) Offset against any goodwill relating to the investment with any remaining difference adjusted against accumulated surplus or deficit at the beginning of the immediately preceding period, if the net amount of the assets and liabilities, including any goodwill, recognized is higher than the investment (and any other items that formed part of the entity's net investment) derecognized.
 - (b) Adjusted against accumulated surplus or deficit at the beginning of the immediately preceding period, if the net amount of the assets and liabilities, including any goodwill, recognized is lower than the investment (and any other items that formed part of the entity's net investment) derecognized.
40. An entity changing from the equity method to accounting for assets and liabilities shall provide a reconciliation between the investment derecognized, and the assets and liabilities recognized, together with any remaining difference adjusted against accumulated surplus or deficit, at the beginning of the immediately preceding period.

Transitional Provisions in an Entity's Separate Financial Statements

41. An entity that, in accordance with paragraph 58 of MPSAS 6, *Consolidated and Separate Financial Statements*, was previously accounting in its separate financial statements for its interest in a joint operation as an investment using the equity method, at cost or in accordance with MPSAS 29, *Financial Instruments: Recognition and Measurement*, shall:
 - (a) Derecognize the investment and recognize the assets and the liabilities in respect of its interest in the joint operation at the amounts determined in accordance with paragraphs 37-39.

- (b) **Provide a reconciliation between the investment derecognized, and the assets and liabilities recognized, together with any remaining difference adjusted in accumulated surplus or deficit, at the beginning of the immediately preceding period.**

Accounting for acquisitions of interests in joint operations

- 41A. MPSAS 40, *Public Sector Combinations*, issued in October 2021, added paragraphs 24A, 42B, and AG33A–AG33D. An entity shall apply those amendments prospectively for acquisitions of interests in joint operations in which the activities of the joint operations constitute operations, as defined in MPSAS 40, *Public Sector Combinations*, for those acquisitions occurring from the beginning of the first period in which it applies those amendments. Consequently, amounts recognized for acquisitions of interests in joint operations occurring in prior periods shall not be adjusted.

Effective Date

- 42. **An entity shall apply this Standard for annual financial statements covering periods beginning on or after January 1, 2017. Earlier application is encouraged. If an entity applies this Standard for a period beginning before January 1, 2017, it shall disclose that fact and apply MPSAS 34, *Separate Financial Statements*, MPSAS 35, *Consolidated Financial Statements*, MPSAS 36, *Investments in Associates and Joint Ventures*, and MPSAS 38, *Disclosure of Interests in Other Entities*, at the same time.**
- 42A. **Paragraphs 24A, 41A and AG33A–AG33D were added by MPSAS 40, *Public Sector Combinations*, issued in October 2021. An entity shall apply these amendments prospectively for annual financial statements covering periods beginning on or after January 1, 2023. Earlier application is encouraged. If an entity applies the amendment for a period beginning before January 1, 2023 it shall disclose that fact and apply MPSAS 40, *Public Sector Combinations*, at the same time**
- 42B. **Paragraph 32 was amended by MPSAS 40, *Public Sector Combinations*, issued in October 2021. An entity shall apply this amendment for annual financial statements covering periods beginning on or after January 1, 2023. Earlier application is encouraged. If an entity applies the amendment for a period beginning before January 1, 2023 it shall disclose that fact and apply MPSAS 40, *Public Sector Combinations*, at the same time.**
- 42C. **Paragraphs 5 and 6 were deleted by *Improvements to MPSASs 2023 (The Applicability of MPSASs)*, issued in December 2022. An entity shall apply those amendments for annual financial statements covering periods beginning on or after January 1, 2024. Earlier application is encouraged. If an entity applies the amendments for a period beginning before January 1, 2024, it shall disclose that fact**

43. When an entity adopts the accrual basis MPSASs as defined in MPSAS 33, *First-time Adoption of Accrual Basis Malaysian Public Sector Accounting Standards* (MPSASs), for financial reporting purposes subsequent to this effective date, this Standard applies to the entity's annual financial statements covering periods beginning on or after the date of adoption of MPSASs.

Withdrawal and Replacement of MPSAS 8

44. This Standard supersedes MPSAS 8, *Interests in Joint Ventures*, MPSAS 8 *Interests in Joint Ventures*, remains applicable until MPSAS 37, *Joint Arrangements*, is applied or becomes effective, whichever is earlier.

Application Guidance

This Appendix is an integral part of MPSAS 37, Joint Arrangements.

AG1. The examples in this appendix portray hypothetical situations. Although some aspects of the examples may be present in actual fact patterns, all relevant facts and circumstances of a particular fact pattern would need to be evaluated when applying MPSAS 37, *Joint Arrangements*.

Joint Arrangements

Binding Arrangement (paragraph 8)

AG2. Consistent with the definition of binding arrangements in this Standard, this discussion of binding arrangements is also relevant to enforceable arrangements created by legislative or executive authority.

AG3. When joint arrangements are structured through a separate vehicle (see paragraphs AG19–AG33), the binding arrangement, or some aspects of the binding arrangement, will in some cases be incorporated in the articles, charter or by-laws of the separate vehicle.

AG4. The binding arrangement sets out the terms upon which the parties participate in the activity that is the subject of the arrangement. The binding arrangement generally deals with such matters as:

- (a) The purpose, activity and duration of the joint arrangement.
- (b) How the members of the board of directors, or equivalent governing body, of the joint arrangement, are appointed.
- (c) The decision-making process: the matters requiring decisions from the parties, the voting rights of the parties and the required level of support for those matters. The decision-making process reflected in the binding arrangement establishes joint control of the arrangement (see paragraphs AG5–AG11).
- (d) The capital or other contributions required of the parties.
- (e) How the parties share assets, liabilities, revenues, expenses or surplus or deficit relating to the joint arrangement.

Joint Control (paragraphs 12–18)

AG5. In assessing whether an entity has joint control of an arrangement, an entity shall assess first whether all the parties, or a group of the parties, control the arrangement. MPSAS 35,

Consolidated Financial Statements, defines control and shall be used to determine whether all the parties, or a group of the parties, are exposed, or have rights, to variable benefits from their involvement with the arrangement and have the ability to affect those benefits through their power over the arrangement. When all the parties, or a group of the parties, considered collectively, are able to direct the activities that significantly affect the benefits from the arrangement (i.e., the relevant activities), the parties control the arrangement collectively.

- AG6. After concluding that all the parties, or a group of the parties, control the arrangement collectively, an entity shall assess whether it has joint control of the arrangement. Joint control exists only when decisions about the relevant activities require the unanimous consent of the parties that collectively control the arrangement. Assessing whether the arrangement is jointly controlled by all of its parties or by a group of the parties, or controlled by one of its parties alone, can require judgment.
- AG7. Sometimes the decision-making process that is agreed upon by the parties in their binding arrangement implicitly leads to joint control. For example, assume two parties establish an arrangement in which each has 50 per cent of the voting rights and the binding arrangement between them specifies that at least 51 per cent of the voting rights are required to make decisions about the relevant activities. In this case, the parties have implicitly agreed that they have joint control of the arrangement because decisions about the relevant activities cannot be made without both parties agreeing.
- AG8. In other circumstances, the binding arrangement requires a minimum proportion of the voting rights to make decisions about the relevant activities. When that minimum required proportion of the voting rights can be achieved by more than one combination of the parties agreeing together, that arrangement is not a joint arrangement unless the binding arrangement specifies which parties (or combination of parties) are required to agree unanimously to decisions about the relevant activities of the arrangement.

Application Examples

Example 1

Assume that three parties establish an arrangement: A has 50 per cent of the voting rights in the arrangement, B has 30 per cent and C has 20 per cent. The binding arrangement between A, B and C specifies that at least 75 per cent of the voting rights are required to make decisions about the relevant activities of the arrangement. Even though A can block any decision, it does not control the arrangement because it needs the agreement of B. The terms of their binding arrangement requiring at least 75 per cent of the voting rights to make decisions about the relevant activities imply that A and B have joint control of the arrangement because decisions about the relevant activities of the arrangement cannot be made without both A and B agreeing.
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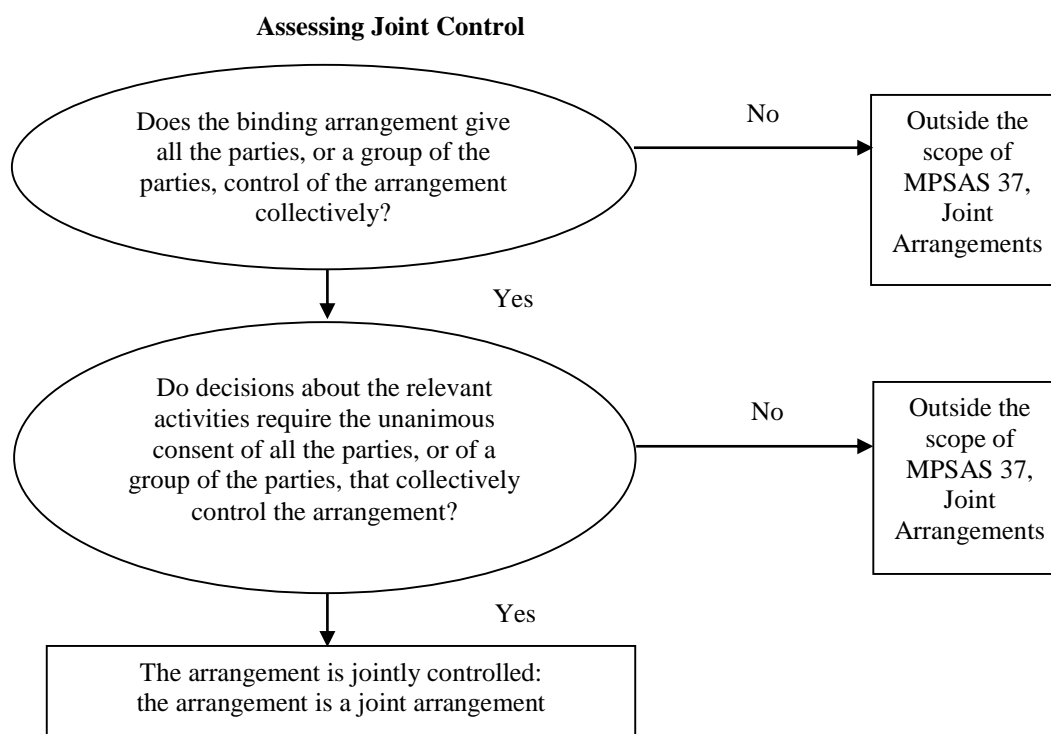
Example 2

Assume an arrangement has three parties: A has 50 per cent of the voting rights in the arrangement and B and C each have 25 per cent. The binding arrangement between A, B and C specifies that at least 75 per cent of the voting rights are required to make decisions about the relevant activities of the arrangement. Even though A can block any decision, it does not control the arrangement because it needs the agreement of either B or C. In this example, A, B and C collectively control the arrangement. However, there is more than one combination of parties that can agree to reach 75 per cent of the voting rights (i.e., either A and B or A and C). In such a situation, to be a joint arrangement the binding arrangement between the parties would need to specify which combination of the parties is required to agree unanimously to decisions about the relevant activities of the arrangement.

Example 3

Assume an arrangement in which A and B each have 35 per cent of the voting rights in the arrangement with the remaining 30 per cent being widely dispersed. Decisions about the relevant activities require approval by a majority of the voting rights. A and B have joint control of the arrangement only if the binding arrangement specifies that decisions about the relevant activities of the arrangement require both A and B agreeing.

- AG9. The requirement for unanimous consent means that any party with joint control of the arrangement can prevent any of the other parties, or a group of the parties, from making unilateral decisions (about the relevant activities) without its consent. If the requirement for unanimous consent relates only to decisions that give a party protective rights and not to decisions about the relevant activities of an arrangement, that party is not a party with joint control of the arrangement.
- AG10. A binding arrangement might include clauses on the resolution of disputes, such as arbitration. These provisions may allow for decisions to be made in the absence of unanimous consent among the parties that have joint control. The existence of such provisions does not prevent the arrangement from being jointly controlled and, consequently, from being a joint arrangement.



AG11. When an arrangement is outside the scope of MPSAS 37, *Joint Arrangements*, an entity accounts for its interest in the arrangement in accordance with relevant MPSASs, such as MPSAS 35, *Consolidated Financial Statements*, MPSAS 36, *Investments in Associates and Joint Ventures*, or MPSAS 29, *Financial Instruments: Recognition and Measurement*.

Types of Joint Arrangement (paragraphs 19–22)

AG12. Joint arrangements are established for a variety of purposes (e.g., as a way for parties to share costs and risks, or as a way to provide the parties with access to new technology or new markets), and can be established using different structures and legal forms.

AG13. Some arrangements do not require the activity that is the subject of the arrangement to be undertaken in a separate vehicle. However, other arrangements involve the establishment of a separate vehicle.

AG14. The classification of joint arrangements required by this Standard depends upon the parties' rights and obligations arising from the arrangement in the normal course of operations. This Standard classifies joint arrangements as either joint operations or joint ventures. When an entity has rights to the assets, and obligations for the liabilities, relating to the arrangement, the arrangement is a joint operation. When an entity has rights to the net assets of the arrangement, the arrangement is a joint venture. Paragraphs AG16–AG33 set out the assessment an entity carries out to determine whether it has an interest in a joint operation or an interest in a joint venture.

Classification of a Joint Arrangement

AG15. As stated in paragraph AG14, the classification of joint arrangements requires the parties to assess their rights and obligations arising from the arrangement. When making that assessment, an entity shall consider the following:

- (a) The structure of the joint arrangement (see paragraphs AG16–AG21).
- (b) When the joint arrangement is structured through a separate vehicle:
 - (i) The legal form of the separate vehicle (see paragraphs AG22–AG24);
 - (ii) The terms of the binding arrangement (see paragraphs AG25–AG28); and
 - (iii) When relevant, other facts and circumstances (see paragraphs AG29–AG33).

Structure of the Joint Arrangement

Joint Arrangements not Structured Through a Separate Vehicle

AG16. A joint arrangement that is not structured through a separate vehicle is a joint operation. In such cases, the binding arrangement establishes the parties' rights to the assets, and obligations for the liabilities, relating to the arrangement, and the parties' rights to the corresponding revenues and obligations for the corresponding expenses.

AG17. The binding arrangement often describes the nature of the activities that are the subject of the arrangement and how the parties intend to undertake those activities together. For example, the parties to a joint arrangement could agree to deliver services or manufacture a product together, with each party being responsible for specific areas and each using its own assets and incurring its own liabilities. The binding arrangement could also specify how the revenues and expenses that are common to the parties are to be shared among them. In such a case, each joint operator recognizes in its financial statements the assets and liabilities used for the specific task, and recognizes its share of the revenues and expenses in accordance with the binding arrangement.

AG18. In other cases, the parties to a joint arrangement might agree, for example, to share and operate an asset together. In such a case, the binding arrangement establishes the parties' rights to the asset that is operated jointly, and how output or revenue from the asset and operating costs are shared among the parties. Each joint operator accounts for its share of the joint asset and its agreed share of any liabilities, and recognizes its share of the output, revenues and expenses in accordance with the binding arrangement.

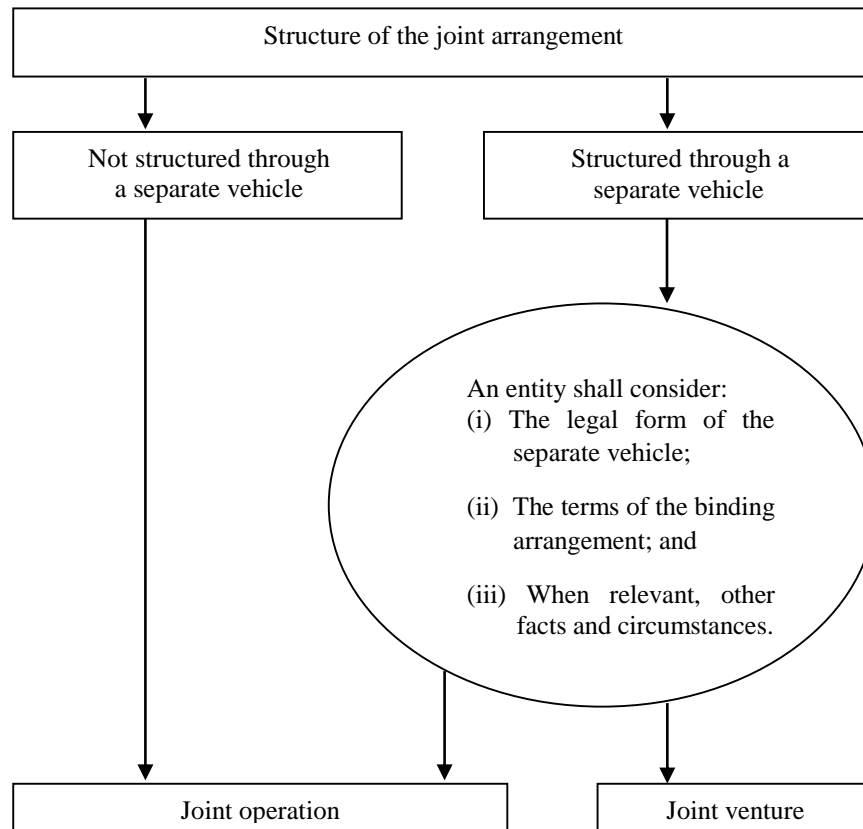
Joint Arrangements Structured through a Separate Vehicle

AG19. A joint arrangement in which the assets and liabilities relating to the arrangement are held in a separate vehicle can be either a joint venture or a joint operation.

MPSAS 37 – Joint Arrangements

- AG20. Whether a party is a joint operator or a joint venturer depends on the party's rights to the assets, and obligations for the liabilities, relating to the arrangement, that are held in the separate vehicle.
- AG21. As stated in paragraph AG15, when the parties have structured a joint arrangement in a separate vehicle, the parties need to assess whether the legal form of the separate vehicle, the terms of the binding arrangement and, when relevant, any other facts and circumstances give them:
- (a) Rights to the assets, and obligations for the liabilities, relating to the arrangement (i.e., the arrangement is a joint operation); or
 - (b) Rights to the net assets of the arrangement (i.e., the arrangement is a joint venture).

Classification of a Joint Arrangement: Assessment of the Parties' Rights and Obligations Arising from the Arrangement



The Legal Form of the Separate Vehicle

AG22. The legal form of the separate vehicle is relevant when assessing the type of joint arrangement. The legal form assists in the initial assessment of the parties' rights to the assets and obligations for the liabilities held in the separate vehicle, such as whether the parties have interests in the assets held in the separate vehicle and whether they are liable for the liabilities held in the separate vehicle.

AG23. For example, the parties might conduct the joint arrangement through a separate vehicle, whose legal form causes the separate vehicle to be considered in its own right (i.e., the assets and liabilities held in the separate vehicle are the assets and liabilities of the separate vehicle and not the assets and liabilities of the parties). In such a case, the assessment of the rights and obligations conferred upon the parties by the legal form of the separate vehicle indicates that the arrangement is a joint venture. However, the terms agreed by the parties in their binding arrangement (see paragraphs AG25–AG28) and, when relevant, other facts and circumstances (see paragraphs AG29–AG33) can override the assessment of the rights and obligations conferred upon the parties by the legal form of the separate vehicle.

AG24. The assessment of the rights and obligations conferred upon the parties by the legal form of the separate vehicle is sufficient to conclude that the arrangement is a joint operation only if the parties conduct the joint arrangement in a separate vehicle whose legal form does not confer separation between the parties and the separate vehicle (i.e., the assets and liabilities held in the separate vehicle are the parties' assets and liabilities).

Assessing the Terms of the Binding Arrangement

AG25. In many cases, the rights and obligations agreed to by the parties in their binding arrangements are consistent, or do not conflict, with the rights and obligations conferred on the parties by the legal form of the separate vehicle in which the arrangement has been structured.

AG26. In other cases, the parties use the binding arrangement to reverse or modify the rights and obligations conferred by the legal form of the separate vehicle in which the arrangement has been structured.

Application Example

Example 4

Assume that two parties structure a joint arrangement in an incorporated entity. Each party has a 50 per cent ownership interest in the incorporated entity. The incorporation enables the separation of the entity from its owners and as a consequence the assets and liabilities held in the entity are the assets and liabilities of the incorporated entity. In such a case, the assessment of the rights and obligations conferred upon the parties by the legal form of the separate vehicle indicates that the parties have rights to the net assets of the arrangement.
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However, the parties modify the features of the corporation through their binding arrangement so that each has an interest in the assets of the incorporated entity and each is liable for the liabilities of the incorporated entity in a specified proportion. Such binding modifications to the features of a corporation can cause an arrangement to be a joint operation.
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AG27. The following table compares common terms in binding arrangements of parties to a joint operation and common terms in binding arrangements of parties to a joint venture. The examples of the binding terms provided in the following table are not exhaustive.

MPSAS 37 – Joint Arrangements

Assessing the Terms of the Binding Arrangement		
	Joint Operation	Joint Venture
The terms of the binding arrangement	The binding arrangement provides the parties to the joint arrangement with rights to the assets, and obligations for the liabilities, relating to the arrangement.	The binding arrangement provides the parties to the joint arrangement with rights to the net assets of the arrangement (i.e., it is the separate vehicle, not the parties, that has rights to the assets, and obligations for the liabilities, relating to the arrangement).
Rights to assets	The binding arrangement establishes that the parties to the joint arrangement share all interests (e.g., rights, title or ownership) in the assets relating to the arrangement in a specified proportion (e.g., in proportion to the parties' ownership interest in the arrangement or in proportion to the activity carried out through the arrangement that is directly attributed to them).	The binding arrangement establishes that the assets brought into the arrangement or subsequently acquired by the joint arrangement are the arrangement's assets. The parties have no interests (i.e., no rights, title or ownership) in the assets of the arrangement.
Obligations for liabilities	The binding arrangement establishes that the parties to the joint arrangement share all liabilities, obligations, costs and expenses in a specified proportion (e.g., in proportion to the parties' ownership interest in the arrangement or in proportion to the activity carried out through the arrangement that is directly attributed to them).	The binding arrangement establishes that the joint arrangement is liable for the debts and obligations of the arrangement.
		The binding arrangement establishes that the parties to the joint arrangement are liable to the arrangement only to the extent of their respective investments in the arrangement or to their respective obligations to contribute any unpaid or additional capital to the arrangement, or both.
	The binding arrangement establishes that the parties to the joint arrangement are liable for claims raised by third parties.	The binding arrangement states that creditors of the joint arrangement do not have rights of recourse against any party with respect to debts or obligations of the arrangement.

Assessing the Terms of the Binding Arrangement		
	Joint Operation	Joint Venture
Revenues, expenses, surplus or deficit	<p>The binding arrangement establishes the allocation of revenues and expenses on the basis of the relative performance of each party to the joint arrangement. For example, the binding arrangement might establish that revenues and expenses are allocated on the basis of the capacity that each party uses in a plant operated jointly, which could differ from their ownership interest in the joint arrangement. In other instances, the parties might have agreed to share the surplus or deficit relating to the arrangement on the basis of a specified proportion such as the parties' ownership interest in the arrangement. This would not prevent the arrangement from being a joint operation if the parties have rights to the assets, and obligations for the liabilities, relating to the arrangement.</p>	<p>The binding arrangement establishes each party's share in the surplus or deficit relating to the activities of the arrangement.</p>
Guarantees	<p>The parties to joint arrangements are often required to provide guarantees to third parties that, for example, receive a service from, or provide financing to, the joint arrangement. The provision of such guarantees, or the commitment by the parties to provide them, does not, by itself, determine that the joint arrangement is a joint operation. The feature that determines whether the joint arrangement is a joint operation or a joint venture is whether the parties have obligations for the liabilities relating to the arrangement (for some of which the parties might or might not have provided a guarantee).</p>	

AG28. When the binding arrangement specifies that the parties have rights to the assets, and obligations for the liabilities, relating to the arrangement, they are parties to a joint operation and do not need to consider other facts and circumstances (paragraphs AG29–AG33) for the purposes of classifying the joint arrangement.

Assessing Other Facts and Circumstances

- AG29. When the terms of the binding arrangement do not specify that the parties have rights to the assets, and obligations for the liabilities, relating to the arrangement, the parties shall consider other facts and circumstances to assess whether the arrangement is a joint operation or a joint venture.
- AG30. A joint arrangement might be structured in a separate vehicle whose legal form confers separation between the parties and the separate vehicle. The binding terms agreed among the parties might not specify the parties' rights to the assets and obligations for the liabilities, yet consideration of other facts and circumstances can lead to such an arrangement being classified as a joint operation. This will be the case when other facts and circumstances give the parties rights to the assets, and obligations for the liabilities, relating to the arrangement.
- AG31. When the activities of an arrangement are primarily designed for the provision of output to the parties, this indicates that the parties have rights to substantially all the service potential or economic benefits of the assets of the arrangement. The parties to such arrangements often ensure their access to the outputs provided by the arrangement by preventing the arrangement from selling output to third parties.
- AG32. The effect of an arrangement with such a design and purpose is that the liabilities incurred by the arrangement are, in substance, satisfied by the cash flows received from the parties through their purchases of the output. When the parties are substantially the only source of cash flows contributing to the continuity of the operations of the arrangement, this indicates that the parties have an obligation for the liabilities relating to the arrangement.

Application Example

Example 5

<p>Assume that two parties structure a joint arrangement in an incorporated entity (entity C) in which each party has a 50 per cent ownership interest. The purpose of the arrangement is to manufacture materials required by the parties for their own, individual manufacturing processes. The arrangement ensures that the parties operate the facility that produces the materials to the quantity and quality specifications of the parties</p>

<p>The legal form of entity C (an incorporated entity) through which the activities are conducted initially indicates that the assets and liabilities held in entity C are the assets and liabilities of entity C. The binding arrangement between the parties does not specify that the parties have rights to the assets or obligations for the liabilities of entity C. Accordingly, the legal form of entity C and the terms of the binding arrangement indicate that the arrangement is a joint venture.</p>

However, the parties also consider the following aspects of the arrangement:

- The parties agreed to purchase all the output produced by entity C in a ratio of 50:50. Entity C cannot sell any of the output to third parties, unless this is approved by the two parties to the arrangement. Because the purpose of the arrangement is to provide the parties with output they require, such sales to third parties are expected to be uncommon and not material.
- The price of the output sold to the parties is set by both parties at a level that is designed to cover the costs of production and administrative expenses incurred by entity C. On the basis of this operating model, the arrangement is intended to operate at a break-even level

From the fact pattern above, the following facts and circumstances are relevant:

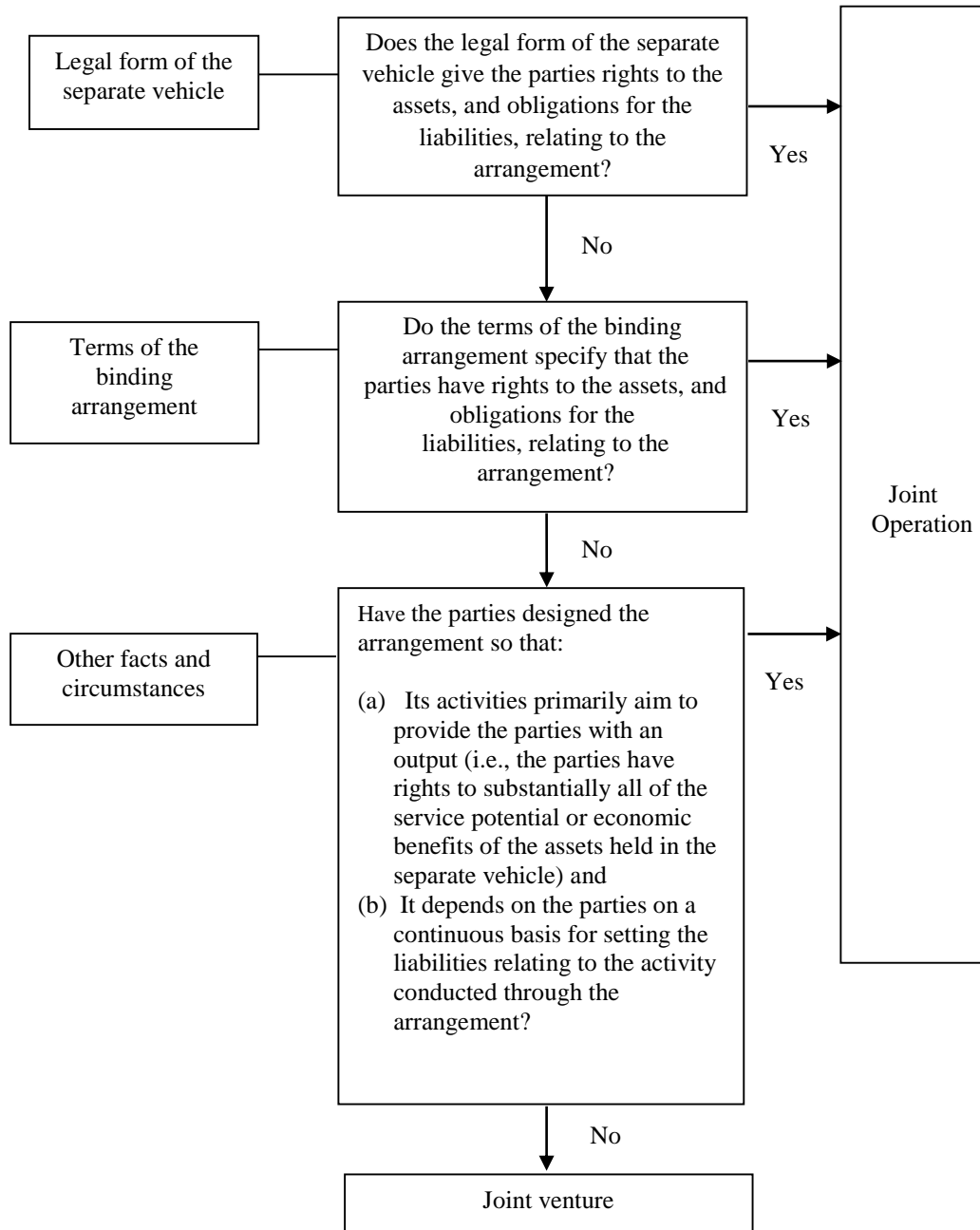
- The obligation of the parties to purchase all the output produced by entity C reflects the exclusive dependence of entity C upon the parties for the generation of cash flows and, thus, the parties have an obligation to fund the settlement of the liabilities of entity C.
- The fact that the parties have rights to all the output produced by entity C means that the parties are consuming, and therefore have rights to, all the service potential or economic benefits of the assets of entity C.

These facts and circumstances indicate that the arrangement is a joint operation. The conclusion about the classification of the joint arrangement in these circumstances would not change if, instead of the parties using their share of the output themselves in a subsequent manufacturing process, the parties sold their share of the output to third parties.

If the parties changed the terms of the binding arrangement so that the arrangement was able to sell output to third parties, this would result in entity C assuming demand, inventory and credit risks. In that scenario, such a change in the facts and circumstances would require reassessment of the classification of the joint arrangement. Such facts and circumstances would indicate that the arrangement is a joint venture.

AG33. The following flow chart reflects the assessment an entity follows to classify an arrangement when the joint arrangement is structured through a separate vehicle:

Classification of a Joint Arrangement Structured Through a Separate Vehicle



Financial Statements of Parties to a Joint Arrangement (paragraphs 23–28)

Accounting for acquisitions of interests in joint operations

AG33A. When an entity acquires an interest in a joint operation in which the activity of the joint operation constitutes an operation, as defined in MPSAS 40, *Public Sector Combinations*, it shall apply, to the extent of its share in accordance with paragraph 23, all of the principles on acquisition accounting in MPSAS 40, *Public Sector Combinations*, and other MPSASs, that do not conflict with the guidance in this Standard and disclose the information required by those MPSASs in relation to acquisitions. The principles on acquisition accounting that do not conflict with the guidance in this Standard include but are not limited to:

- (a) Measuring identifiable assets and liabilities at fair value, other than items for which exceptions are given in MPSAS 40, *Public Sector Combinations*, and other MPSASs;
- (b) Recognizing acquisition-related costs as expenses in the periods in which the costs are incurred and the services are received, with the exception that the costs to issue debt or equity securities are recognized in accordance with MPSAS 28, *Financial Instruments: Presentation*, and MPSAS 29, *Financial Instruments: Recognition and Measurement*.
- (c) Recognizing the excess of the consideration transferred over the net of the acquisition-date amounts of the identifiable assets acquired and the liabilities assumed, if any, as goodwill; and
- (d) Testing for impairment a cash-generating unit to which goodwill has been allocated at least annually, and whenever there is an indication that the unit may be impaired, as required by MPSAS 26, *Impairment of Cash-Generating Assets*, for goodwill acquired in an acquisition.

AG33B. Paragraphs 24A and AG33A also apply to the formation of a joint operation if, and only if, an existing operation, as defined in MPSAS 40, *Public Sector Combinations*, is contributed to the joint operation on its formation by one of the parties that participate in the joint operation. However, those paragraphs do not apply to the formation of a joint operation if all of the parties that participate in the joint operation only contribute assets or groups of assets that do not constitute operations to the joint operation on its formation.

AG33C. A joint operator might increase its interest in a joint operation in which the activity of the joint operation constitutes an operation, as defined in MPSAS 40, *Public Sector Combinations*, by acquiring an additional interest in the joint operation. In such cases, previously held interests in the joint operation are not remeasured if the joint operator retains joint control.

AG33D. Paragraphs 24A and AG33A–AG33C do not apply on the acquisition of an interest in a joint operation when the parties sharing joint control, including the entity acquiring the interest in the joint operation, are under the common control of the same ultimate controlling party or parties both before and after the acquisition, and that control is not transitory.

Accounting for Sales or Contributions of Assets to a Joint Operation

- AG34. When an entity enters into a transaction with a joint operation in which it is a joint operator, such as a sale or contribution of assets, it is conducting the transaction with the other parties to the joint operation and, as such, the joint operator shall recognize gains and losses resulting from such a transaction only to the extent of the other parties' interests in the joint operation.
- AG35. When such transactions provide evidence of a reduction in the net realizable value of the assets to be sold or contributed to the joint operation, or of an impairment loss of those assets, those losses shall be recognized fully by the joint operator.

Accounting for Purchases of Assets from a Joint Operation

- AG36. When an entity enters into a transaction with a joint operation in which it is a joint operator, such as a purchase of assets, it shall not recognize its share of the gains and losses until it resells those assets to a third party.
- AG37. When such transactions provide evidence of a reduction in the net realizable value of the assets to be purchased or of an impairment loss of those assets, a joint operator shall recognize its share of those losses.

Appendix B

Amendments to Other MPSASs

[Deleted]

ILLUSTRATIVE EXAMPLES

CONTENTS

	<i>Paragraph</i>
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Oil and Gas Exploration, Development and Production Activities	IE41–IE50
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Illustrative Examples

These examples accompany, but are not part of, MPSAS 37, Joint Arrangements.

IE1. These examples portray hypothetical situations illustrating the judgments that might be used when applying MPSAS 37, *Joint Arrangements*, in different situations. Although some aspects of the examples may be present in actual fact patterns, all relevant facts and circumstances of a particular fact pattern would need to be evaluated when applying MPSAS 37, *Joint Arrangements*.

Example 1 – Construction Services

IE2. A and B (the parties) are two entities whose activities include the provision of many types of public and private construction services. Entity A is a private sector entity. Entity B is government owned. They set up a binding arrangement to work together for the purpose of fulfilling a contract with a government for the design and construction of a road between two cities. The binding arrangement determines the participation shares of A and B and establishes joint control of the arrangement, the subject matter of which is the delivery of the road. The joint arrangement will have no further involvement once the road has been completed. The road will be transferred to the government at that point.

IE3. The parties set up a separate vehicle (entity Z) through which to conduct the arrangement. Entity Z, on behalf of A and B, enters into the contract with the government. In addition, the assets and liabilities relating to the arrangement are held in entity Z. The main feature of entity Z's legal form is that the parties, not entity Z, have rights to the assets, and obligations for the liabilities, of the entity.

IE4. The binding arrangement between A and B additionally establishes that:

- (a) The rights to all the assets needed to undertake the activities of the arrangement are shared by the parties on the basis of their participation shares in the arrangement;
- (b) The parties have several and joint responsibility for all operating and financial obligations relating to the activities of the arrangement on the basis of their participation shares in the arrangement; and
- (c) The surplus or deficit resulting from the activities of the arrangement is shared by A and B on the basis of their participation shares in the arrangement.

IE5. For the purposes of coordinating and overseeing the activities, A and B appoint a project manager, who will be an employee of one of the parties. After a specified time, the role of the project manager will rotate to an employee of the other party. A and B agree that the activities will be executed by the employees on a “no gain or loss” basis.

IE6. In accordance with the terms specified in the contract with the government, entity Z invoices the construction services to the government on behalf of the parties.

Analysis

- IE7. The joint arrangement is carried out through a separate vehicle whose legal form does not confer separation between the parties and the separate vehicle (i.e., the assets and liabilities held in entity Z are the parties' assets and liabilities). This is reinforced by the terms agreed by the parties in their binding arrangement, which state that A and B have rights to the assets, and obligations for the liabilities, relating to the arrangement that is conducted through entity Z. The joint arrangement is a joint operation. It is not a service concession arrangement.
- IE8. A and B each recognize in their financial statements their share of the assets (e.g., property, plant, and equipment, accounts receivable) and their share of any liabilities resulting from the arrangement (e.g., accounts payable to third parties) on the basis of their agreed participation share. Each also recognizes its share of the revenue and expenses resulting from the construction services provided to the government through entity Z.

Example 2 – Service Centre Operated Jointly

- IE9. Two entities (the parties) set up a separate vehicle (entity X) for the purpose of establishing and operating a joint service center. The binding arrangement between the parties establishes joint control of the activities that are conducted in entity X. The main feature of entity X's legal form is that the entity, not the parties, has rights to the assets, and obligations for the liabilities, relating to the arrangement. These activities include the allocation of office space to services, managing the car park, maintaining the center and its equipment, such as lifts, building the reputation of the center and managing the client base for the center.
- IE10. The terms of the binding arrangement are such that:
- (a) Entity X owns the service center. The binding arrangement does not specify that the parties have rights to the service center.
 - (b) The parties are not liable in respect of the debts, liabilities or obligations of entity X. If entity X is unable to pay any of its debts or other liabilities or to discharge its obligations to third parties, the liability of each party to any third party will be limited to the unpaid amount of that party's capital contribution.
 - (c) The parties have the right to sell or pledge their interests in entity X.
 - (d) Each party pays for its share of expenses for operating the service in accordance with its interest in entity X.

Analysis

- IE11. The joint arrangement is carried out through a separate vehicle whose legal form causes the separate vehicle to be considered in its own right (i.e., the assets and liabilities held in the separate vehicle are the assets and liabilities of the separate vehicle and not the assets and

liabilities of the parties). In addition, the terms of the binding arrangement do not specify that the parties have rights to the assets, or obligations for the liabilities, relating to the arrangement. Instead, the terms of the binding arrangement establish that the parties have rights to the net assets of entity X.

IE12. On the basis of the description above, there are no other facts and circumstances that indicate that the parties have rights to substantially all the service potential or economic benefits of the assets relating to the arrangement, and that the parties have an obligation for the liabilities relating to the arrangement. The joint arrangement is a joint venture.

IE13. The parties recognize their rights to the net assets of entity X as investments and account for them using the equity method.

Example 3 – Joint Provision of Assisted Living Services

IE14. A public sector health care provider (entity X) and a large property developer (entity Y) enter into an agreement to work together to provide assisted living services for the elderly. Entity X and entity Y establish a separate company (entity Z). The legal form of the company confers the rights to the assets and obligations for liabilities to the company itself. The agreement between entity X and entity Y requires all decisions be made jointly. The agreement also confirms:

- (a) Entity X will provide the assisted living services. Entity Y will construct the premises.
- (b) The assets of the arrangement are owned by entity Z, the company. Neither party will be able to sell, pledge, transfer or otherwise mortgage the assets of entity Z.
- (c) The liability of the parties is limited to any unpaid capital of entity Z.
- (d) Each party pays for its share of expenses for operating the service in accordance with its interest in entity Z.
- (d) Profits of entity Z will be distributed to entity X and entity Y 40:60, being the parties' respective interests in the arrangement.

Analysis

IE15. The joint arrangement is carried out through a separate vehicle whose legal form causes the separate vehicle to be considered in its own right (i.e., the assets and liabilities held in the separate vehicle are the assets and liabilities of the separate vehicle and not the assets and liabilities of the parties). In addition, the terms of the binding arrangement do not specify that the parties have rights to the assets, or obligations for the liabilities, relating to the arrangement. Instead, the terms of the binding arrangement establish that the parties have rights to the net assets of entity Z.

- IE16. On the basis of the description above, there are no other facts and circumstances that indicate that the parties have rights to substantially all the service potential or economic benefits of the assets relating to the arrangement, or that the parties have an obligation for the liabilities relating to the arrangement. The joint arrangement is a joint venture.
- IE17. The parties recognize their rights to the net assets of entity Z as investments and account for them using the equity method.

Variation

- IE18. A public sector health care provider (entity X) and a large property developer (entity Y) enter into an agreement to work together to provide assisted living services for the elderly. The agreement between entity X and entity Y requires all decisions to be made jointly. The agreement confirms:
- (a) Entity X will supply operational assets including office equipment, motor vehicles and furniture and fittings for the assisted living premises.
 - (b) Entity Y will construct the premises and will continue to own the premises. Entity Y will be responsible for the ongoing maintenance of the premises. Entity Y cannot sell the premises without first offering entity X the right to purchase the premises. Entity Y is entitled to 100% of any gain on eventual sale of the premises.
 - (c) The services will be delivered through a new entity, entity Z, established for this purpose.
 - (d) Each party will pay for 50% of the expenses for operating the services.
 - (e) Any profits from providing the assisted living services will be shared equally between entity X and entity Y.
 - (f) Entity X will be responsible for managing staff and for any liabilities arising from personal grievance claims and health and safety issues.
 - (g) Entity Y will be responsible for any liabilities to make good any defects in the premises or alterations to the premises required to meet health and safety codes and changes in those codes.

Analysis of Variation

- IE19. Although the services are delivered through a separate vehicle, entity X and entity Y continue to own the assets used to provide the services. The joint arrangement is a joint operation.
- IE20. Entity X and entity Y each recognize in their financial statements their own assets and liabilities. They also recognize their share of the revenue and expenses resulting from the provision of assisted living services through entity Z.

Example 4 – Joint Manufacturing and Distribution of a Product

- IE21. Entities A and B (the parties) have set up a strategic and operating agreement (the framework agreement) in which they have agreed the terms according to which they will conduct the manufacturing and distribution of a product (product P) in different markets.
- IE22. The parties have agreed to conduct manufacturing and distribution activities by establishing joint arrangements, as described below:
- (a) Manufacturing activity: the parties have agreed to undertake the manufacturing activity through a joint arrangement (the manufacturing arrangement). The manufacturing arrangement is structured in a separate vehicle (entity M) whose legal form causes it to be considered in its own right (i.e., the assets and liabilities held in entity M are the assets and liabilities of entity M and not the assets and liabilities of the parties). In accordance with the framework agreement, the parties have committed themselves to purchasing the whole production of product P manufactured by the manufacturing arrangement in accordance with their ownership interests in entity M. The parties subsequently sell product P to another arrangement, jointly controlled by the two parties themselves, that has been established exclusively for the distribution of product P as described below. Neither the framework agreement nor the binding arrangement between A and B dealing with the manufacturing activity specifies that the parties have rights to the assets, and obligations for the liabilities, relating to the manufacturing activity.
 - (b) Distribution activity: the parties have agreed to undertake the distribution activity through a joint arrangement (the distribution arrangement). The parties have structured the distribution arrangement in a separate vehicle (entity D) whose legal form causes it to be considered in its own right (i.e., the assets and liabilities held in entity D are the assets and liabilities of entity D and not the assets and liabilities of the parties). In accordance with the framework agreement, the distribution arrangement orders its requirements for product P from the parties according to the needs of the different markets where the distribution arrangement sells the product. Neither the framework agreement nor the binding arrangement between A and B dealing with the distribution activity specifies that the parties have rights to the assets, and obligations for the liabilities, relating to the distribution activity.
- IE23. In addition, the framework agreement establishes:
- (a) That the manufacturing arrangement will produce product P to meet the requirements for product P that the distribution arrangement places on the parties;
 - (b) The commercial terms relating to the sale of product P by the manufacturing arrangement to the parties. The manufacturing arrangement will sell product P to the parties at a price agreed by A and B that covers all production costs incurred. Subsequently, the parties sell the product to the distribution arrangement at a price agreed by A and B.

- (c) That any cash shortages that the manufacturing arrangement may incur will be financed by the parties in accordance with their ownership interests in entity M.

Analysis

- IE24. The framework agreement sets up the terms under which parties A and B conduct the manufacturing and distribution of product P. These activities are undertaken through joint arrangements whose purpose is either the manufacturing or the distribution of product P.

- IE25. The parties carry out the manufacturing arrangement through entity M whose legal form confers separation between the parties and the entity. In addition, neither the framework agreement nor the binding arrangement dealing with the manufacturing activity specifies that the parties have rights to the assets, and obligations for the liabilities, relating to the manufacturing activity. However, when considering the following facts and circumstances the parties have concluded that the manufacturing arrangement is a joint operation:
 - (a) The parties have committed themselves to purchasing the whole production of product P manufactured by the manufacturing arrangement. Consequently, A and B have rights to substantially all the service potential or economic benefits of the assets of the manufacturing arrangement.
 - (b) The manufacturing arrangement manufactures product P to meet the quantity and quality needs of the parties so that they can fulfill the demand for product P of the distribution arrangement. The exclusive dependence of the manufacturing arrangement upon the parties for the generation of cash flows and the parties' commitments to provide funds when the manufacturing arrangement incurs any cash shortages indicate that the parties have an obligation for the liabilities of the manufacturing arrangement, because those liabilities will be settled through the parties' purchases of product P or by the parties' direct provision of funds.

- IE26. The parties carry out the distribution activities through entity D, whose legal form confers separation between the parties and the entity. In addition, neither the framework agreement nor the binding arrangement dealing with the distribution activity specifies that the parties have rights to the assets, and obligations for the liabilities, relating to the distribution activity.

- IE27. There are no other facts and circumstances that indicate that the parties have rights to substantially all the service potential or economic benefits of the assets relating to the distribution arrangement or that the parties have an obligation for the liabilities relating to that arrangement. The distribution arrangement is a joint venture.

- IE28. A and B each recognize in their financial statements their share of the assets (e.g., property, plant and equipment, cash) and their share of any liabilities resulting from the manufacturing arrangement (e.g., accounts payable to third parties) on the basis of their ownership interest in entity M. Each party also recognizes its share of the expenses resulting from the

manufacture of product P incurred by the manufacturing arrangement and its share of the revenues relating to the sales of product P to the distribution arrangement.

- IE29. The parties recognize their rights to the net assets of the distribution arrangement as investments and account for them using the equity method.

Variation

- IE30. Assume that the parties agree that the manufacturing arrangement described above is responsible not only for manufacturing product P, but also for its distribution to third-party customers.
- IE31. The parties also agree to set up a distribution arrangement like the one described above to distribute product P exclusively to assist in widening the distribution of product P in additional specific markets.
- IE32. The manufacturing arrangement also sells product P directly to the distribution arrangement. No fixed proportion of the production of the manufacturing arrangement is committed to be purchased by, or to be reserved to, the distribution arrangement.

Analysis of Variation

- IE33. The variation has affected neither the legal form of the separate vehicle in which the manufacturing activity is conducted nor the binding terms relating to the parties' rights to the assets, and obligations for the liabilities, relating to the manufacturing activity. However, it causes the manufacturing arrangement to be a self-financed arrangement because it is able to undertake trade on its own behalf, distributing product P to third-party customers and, consequently, assuming demand, inventory and credit risks. Even though the manufacturing arrangement might also sell product P to the distribution arrangement, in this scenario the manufacturing arrangement is not dependent on the parties to be able to carry out its activities on a continuous basis. In this case, the manufacturing arrangement is a joint venture.
- IE34. The variation has no effect on the classification of the distribution arrangement as a joint venture.
- IE35. The parties recognize their rights to the net assets of the manufacturing arrangement and their rights to the net assets of the distribution arrangement as investments and account for them using the equity method.

Example 5 – Bank Operated Jointly

- IE36. Bank A, a government owned bank, and bank B, a privately owned bank, (the parties) agreed to combine certain corporate, investment banking, asset management and service activities by establishing a separate vehicle (bank C). Both parties expect the arrangement to benefit them in different ways. Bank A believes that the arrangement could enable it to achieve

its strategic plans to improve its profitability through an enlarged offering of products and services. Bank B expects the arrangement to reinforce its offering in financial savings and market products.

- IE37. The main feature of bank C's legal form is that it causes the separate vehicle to be considered in its own right (i.e., the assets and liabilities held in the separate vehicle are the assets and liabilities of the separate vehicle and not the assets and liabilities of the parties). Banks A and B each have a 40 per cent ownership interest in bank C, with the remaining 20 per cent being listed and widely held. The agreement between bank A and bank B establishes joint control of the activities of bank C.
- IE38. In addition, bank A and bank B entered into an irrevocable agreement under which, even in the event of a dispute, both banks agree to provide the necessary funds in equal amount and, if required, jointly and severally, to ensure that bank C complies with the applicable legislation and banking regulations, and honors any commitments made to the banking authorities. This commitment represents the assumption by each party of 50 per cent of any funds needed to ensure that bank C complies with legislation and banking regulations.

Analysis

- IE39. The joint arrangement is carried out through a separate vehicle whose legal form confers separation between the parties and the separate vehicle. The terms of the binding arrangement do not specify that the parties have rights to the assets, or obligations for the liabilities, of bank C, but it establishes that the parties have rights to the net assets of bank C. The commitment by the parties to provide support if bank C is not able to comply with the applicable legislation and banking regulations is not by itself a determinant that the parties have an obligation for the liabilities of bank C. There are no other facts and circumstances that indicate that the parties have rights to substantially all the economic benefits of the assets of bank C and that the parties have an obligation for the liabilities of bank C. The joint arrangement is a joint venture.
- IE40. Both banks A and B recognize their rights to the net assets of bank C as investments and account for them using the equity method.

Example 6 – Oil and Gas Exploration, Development and Production Activities

- IE41. Entities A and B (the parties) set up a separate vehicle (entity H) and a Joint Operating Agreement (JOA) to undertake oil and gas exploration, development and production activities in country O. The main feature of entity H's legal form is that it causes the separate vehicle to be considered in its own right (i.e., the assets and liabilities held in the separate vehicle are the assets and liabilities of the separate vehicle and not the assets and liabilities of the parties).
- IE42. Country O has granted entity H permits for the oil and gas exploration, development and production activities to be undertaken in a specific assigned block of land (fields).

IE43. The agreement and JOA agreed by the parties establish their rights and obligations relating to those activities. The main terms of those agreements are summarized below.

Agreement

IE44. The board of entity H consists of a director from each party. Each party has a 50 per cent holding in entity H. The unanimous consent of the directors is required for any resolution to be passed.

Joint Operating Agreement (JOA)

IE45. The JOA establishes an Operating Committee. This Committee consists of one representative from each party. Each party has a 50 per cent participating interest in the Operating Committee.

IE46. The Operating Committee approves the budgets and work programs relating to the activities, which also require the unanimous consent of the representatives of each party. One of the parties is appointed as operator and is responsible for managing and conducting the approved work programs.

IE47. The JOA specifies that the rights and obligations arising from the exploration, development and production activities shall be shared among the parties in proportion to each party's holding in entity H. In particular, the JOA establishes that the parties share:

- (a) The rights and the obligations arising from the exploration and development permits granted to entity H (e.g., the permits, rehabilitation liabilities, any royalties and taxes payable);
- (b) The production obtained; and
- (c) All costs associated with all work programs.

IE48. The costs incurred in relation to all the work programs are covered by cash calls on the parties. If either party fails to satisfy its monetary obligations, the other is required to contribute to entity H the amount in default. The amount in default is regarded as a debt owed by the defaulting party to the other party.

Analysis

IE49. The parties carry out the joint arrangement through a separate vehicle whose legal form confers separation between the parties and the separate vehicle. The parties have been able to reverse the initial assessment of their rights and obligations arising from the legal form of the separate vehicle in which the arrangement is conducted. They have done this by agreeing terms in the JOA that entitle them to rights to the assets (e.g., exploration and development permits, production, and any other assets arising from the activities) and obligations for

the liabilities (e.g., all costs and obligations arising from the work programs) that are held in entity H. The joint arrangement is a joint operation.

- IE50. Both entity A and entity B recognize in their financial statements their own share of the assets and of any liabilities resulting from the arrangement on the basis of their agreed participating interest. On that basis, each party also recognizes its share of the revenue (from the sale of their share of the production) and its share of the expenses.

Example 7 – Liquefied Natural Gas Arrangement

- IE51. Entity A owns an undeveloped gas field that contains substantial gas resources. Entity A determines that the gas field will be economically viable only if the gas is sold to customers in overseas markets. To do so, a liquefied natural gas (LNG) facility must be built to liquefy the gas so that it can be transported by ship to the overseas markets.
- IE52. Entity A enters into a joint arrangement with entity B in order to develop and operate the gas field and the LNG facility. Under that arrangement, entities A and B (the parties) agree to contribute the gas field and cash, respectively, to a new separate vehicle, entity C. In exchange for those contributions, the parties each take a 50 per cent ownership interest in entity C. The main feature of entity C's legal form is that it causes the separate vehicle to be considered in its own right (i.e., the assets and liabilities held in the separate vehicle are the assets and liabilities of the separate vehicle and not the assets and liabilities of the parties).
- IE53. The binding arrangement between the parties specifies that:
- (a) Entities A and B must each appoint two members to the board of entity C. The board of directors must unanimously agree the strategy and investments made by entity C.
 - (b) Day-to-day management of the gas field and LNG facility, including development and construction activities, will be undertaken by the staff of entity B in accordance with the directions jointly agreed by the parties. Entity C will reimburse B for the costs it incurs in managing the gas field and LNG facility.
 - (c) Entity C is liable for taxes and royalties on the production and sale of LNG as well as for other liabilities incurred in the ordinary course of business, such as accounts payable, site restoration and decommissioning liabilities.
 - (d) Entities A and B have equal shares in the surplus from the activities carried out in the arrangement and, as such, are entitled to equal shares of any dividends or similar distributions made by entity C.
- IE54. The binding arrangement does not specify that either party has rights to the assets, or obligations for the liabilities, of entity C.

- IE55. The board of entity C decides to enter into a financing arrangement with a syndicate of lenders to help fund the development of the gas field and construction of the LNG facility. The estimated total cost of the development and construction is RM1, 000 million.¹
- IE56. The lending syndicate provides entity C with a RM700 million loan. The arrangement specifies that the syndicate has recourse to entities A and B only if entity C defaults on the loan arrangement during the development of the field and construction of the LNG facility. The lending syndicate agrees that it will not have recourse to entities A and B once the LNG facility is in production because it has assessed that the cash inflows that entity C should generate from LNG sales will be sufficient to meet the loan repayments. Although at this time the lenders have no recourse to entities A and B, the syndicate maintains protection against default by entity C by taking a lien on the LNG facility.

Analysis

- IE57. The joint arrangement is carried out through a separate vehicle whose legal form confers separation between the parties and the separate vehicle. The terms of the binding arrangement do not specify that the parties have rights to the assets, or obligations for the liabilities, of entity C, but they establish that the parties have rights to the net assets of entity C. The recourse nature of the financing arrangement during the development of the gas field and construction of the LNG facility (i.e., entities A and B providing separate guarantees during this phase) does not, by itself, impose on the parties an obligation for the liabilities of entity C (i.e., the loan is a liability of entity C). Entities A and B have separate liabilities, which are their guarantees to repay that loan if entity C defaults during the development and construction phase.
- IE58. There are no other facts and circumstances that indicate that the parties have rights to substantially all the service potential or economic benefits of the assets of entity C and that the parties have an obligation for the liabilities of entity C. The joint arrangement is a joint venture.
- IE59. The parties recognize their rights to the net assets of entity C as investments and account for them using the equity method.

¹ In this example monetary amounts are denominated in ‘currency units (RM)’

Example 8 – Accounting for acquisitions of interests in joint operations in which the activity constitutes an operation

- IE60. Municipalities A, B and C have joint control of Joint Operation D whose activity constitutes an operation, as defined in MPSAS 40, *Public Sector Combinations*.
- IE61. Municipality E acquires municipality A’s 40 per cent ownership interest in Joint Operation D at a cost of RM300 and incurs acquisition-related costs of RM50.
- IE62. The binding arrangement between the parties that Municipality E joined as part of the acquisition establishes that Municipality E’s shares in several assets and liabilities differ from its ownership interest in Joint Operation D. The following table sets out Municipality E’s share in the assets and liabilities related to Joint Operation D as established in the binding arrangement between the parties:

<i>Municipality E’s share in the assets and liabilities related to Joint Operation D</i>	
Property, plant and equipment	48%
Intangible assets (excluding goodwill)	90%
Accounts receivable	40%
Inventory	40%
Retirement benefit obligations	15%
Accounts payable	40%
Contingent liabilities	56%

Analysis

- IE63. Municipality E recognizes in its financial statements its share of the assets and liabilities resulting from the contractual arrangement (see paragraph 23).
- IE64. It applies the principles on acquisition accounting in MPSAS 40, *Public Sector Combinations*, and other MPSASs for identifying, recognizing, measuring and classifying the assets acquired, and the liabilities assumed, on the acquisition of the interest in Joint Operation D. This is because Municipality E acquired an interest in a joint operation in which the activity constitutes an operation (see paragraph 24A).
- IE65. However, Municipality E does not apply the principles on acquisition accounting in MPSAS 40, *Public Sector Combinations*, and other MPSASs that conflict with the guidance in this Standard. Consequently, in accordance with paragraph 23, Municipality E recognizes, and therefore measures, in relation to its interest in Joint Operation D, only its share in each of the assets that are jointly held and in each of the liabilities that are incurred jointly, as stated

in the binding arrangement. Municipality E does not include in its assets and liabilities the shares of the other parties in Joint Operation D.

IE66. MPSAS 40, *Public Sector Combinations*, requires the acquirer to measure the identifiable assets acquired and the liabilities assumed at their acquisition-date fair values with limited exceptions; for example, a reacquired right recognized as an intangible asset is measured on the basis of the remaining term of the related binding arrangement regardless of whether market participants would consider potential renewals of binding arrangements when measuring its fair value. Such measurement does not conflict with this Standard and thus those requirements apply.

IE67. Consequently, Municipality E determines the fair value, or other measure specified in MPSAS 40, *Public Sector Combinations*, of its share in the identifiable assets and liabilities related to Joint Operation D. The following table sets out the fair value or other measure specified by MPSAS 40, *Public Sector Combinations*, of Municipality E's shares in the identifiable assets and liabilities related to Joint Operation D:

	<i>Fair value or other measure specified by MPSAS 40 for Municipality E's shares in the identifiable assets and liabilities of Joint Operation D (RM)</i>
Property, plant and equipment	138
Intangible assets (excluding goodwill)	72
Accounts receivable	84
Inventory	70
Retirement benefit obligations	(12)
Accounts payable	(48)
Contingent liabilities	(52)
Deferred tax liability (see the international or national standard dealing with income taxes)	(24)
Net assets	228

IE68. In accordance with MPSAS 40, *Public Sector Combinations*, the excess of the consideration transferred over the amount allocated to Municipality E's shares in the net identifiable assets is recognized as goodwill:

Consideration transferred	RM 300
Municipality E’s shares in the identifiable assets and liabilities relating to its interest in the joint operation	RM 228
Goodwill	RM 72

IE69. Acquisition-related costs of RM50 are not considered to be part of the consideration transferred for the interest in the joint operation. They are recognized as expenses in surplus or deficit in the period that the costs are incurred and the services are received (see paragraph 111 of MPSAS 40, *Public Sector Combinations*).

Example 9—Contributing the right to use know-how to a joint operation in which the activity constitutes an operation

IE70. Entities A and B are two entities whose activities are the construction of high performance batteries for diverse applications.

IE71. In order to develop batteries for electric vehicles they set up a binding arrangement (Joint Operation Z) to work together. Entities A and B share joint control of Joint Operation Z. This arrangement is a joint operation in which the activity constitutes an operation, as defined in MPSAS 40, *Public Sector Combinations*.

IE72. After several years, the joint operators (Entities A and B) concluded that it is feasible to develop a battery for electric vehicles using Material M. However, processing Material M requires specialist know-how and thus far, Material M has only been used in electricity generation.

IE73. In order to get access to existing know-how in processing Material M, Entities A and B arrange for Entity C to join as another joint operator by acquiring an interest in Joint Operation Z from Entities A and B and becoming a party to the binding arrangements.

IE74. Entity C’s activity so far has been solely the generation of electricity. It has long-standing and extensive knowledge in processing Material M.

IE75. In exchange for its share in Joint Operation Z, Entity C pays cash to Entities A and B and grants the right to use its know-how in processing Material M for the purposes of Joint Operation Z. In addition, Entity C seconded some of its employees who are experienced in processing Material M to Joint Operation Z. However, Entity C does not transfer control of the know-how to Entities A and B or Joint Operation Z because it retains all the rights to it. In particular, Entity C is entitled to withdraw the right to use its know-how in processing Material M and to withdraw its seconded employees without any restrictions or compensation to Entity A and B or Joint Operation Z if it ceases its participation in Joint Operation Z.

IE76. The fair value of Entity C's know-how on the date of the acquisition of the interest in the joint operation is RM1,000. Immediately before the acquisition, the carrying amount of the know-how in the financial statements of Entity C was RM300.

Analysis

IE77. Entity C has acquired an interest in Joint Operation Z in which the activity of the joint operation constitutes an operation, as defined in MPSAS 40, *Public Sector Combinations*.

IE78. In accounting for the acquisition of its interest in the joint operation, Entity C applies all the principles on acquisition accounting in MPSAS 40, *Public Sector Combinations*, and other MPSASs that do not conflict with the guidance in this Standard (see paragraph 24A). Entity C therefore recognizes in its financial statements its share of the assets and liabilities resulting from the binding arrangement (see paragraph 23).

IE79. Entity C granted the right to use its know-how in processing Material M to Joint Operation Z as part of joining Joint Operation Z as a joint operator. However, Entity C retains control of this right because it is entitled to withdraw the right to use its know-how in processing Material M and to withdraw its seconded employees without any restrictions or any compensation to Entities A and B or Joint Operation Z if it ceases its participation in Joint Operation Z.

IE80. Consequently, Entity C continues to recognize the know-how in processing Material M after the acquisition of the interest in Joint Operation Z because it retains all the rights to it. This means that Entity C will continue to recognize the know-how based on its carrying amount of RM300. As a consequence of retaining control of the right to use the know-how that it granted to the joint operation, Entity C has granted the right to use the know-how to itself. Consequently, Entity C does not remeasure the know-how, and it does not recognize a gain or loss on the grant of the right to use it.

Comparison with IPSAS 37

MPSAS 37, *Joint Arrangements*, is drawn primarily from IPSAS 37 (2018). There is no significant difference between MPSAS 37 and IPSAS 37.